U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE ORM PTO-1390 (Modified) REV. 7-2005) 66307-361 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 568082 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 PRIORITY DATE CLAIMED INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE 13 August 2003 PCT/GB2004/003450 11 August 2004 TITLE OF INVENTION OSMOTIC ENERGY APPLICANT(S) FOR DO/EO/US Abdulsalam AL-MAYAHL; and Adel SHARIF Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: \boxtimes This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), 3. (9) and (24) indicated below. **(** 4. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) 5. is attached hereto (required only if not communicated by the International Bureau). a 🔯 b. □ has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). c. 🗆 An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. 🗆 is attached hereto. b. 🗆 has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau). b. 🗆 have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. 8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). An English language translation of the annexes to the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371 (c)(5)). XA copy of the International Preliminary Examination Report (PCT/IPEA/409). \boxtimes 12. A copy of the International Search Report (PCT/ISA/210). Items 13 to 23 below concern document(s) or information included: 13. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. A FIRST preliminary amendment.

PCTUS1/REV07

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

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A SECOND or SUBSEQUENT preliminary amendment.

A power of attorney and/or change of address letter.

A substitute specification.

Express Mail Label No.

IAPS Rec'd PCT/PTO 13 FEB 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 66307-361 PCT/GB2004/003450 23. Other items or information: **Information Data Sheet CALCULATIONS PTO USE** The following fees have been submitted: \$300 \$300.00 25. A Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report \$200.00 prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 \$200 26. ☑ Search fee (37 CFR 1.492(b))
If the written opinion of the ISA/US or the International preliminary examination report

by IPEA/US Search fee (37 CF as an Intern International Sear previously c All other situation	ational Searching ch Report prepare communicated to t s	\$	\$400.00 \$900.00	:				
TOTAL OF 24, 25 and 26 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding							3900.00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.								
Total Sheets	Extra Sheets		ber of each additional 50 on thereof (round up to a wh		RATE	,		
.39 - 100 =	-0 /50 =		0		× \$250.00	\$	\$0.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1,492(h)).								7
CLAIMS	NUMBER F	ILED .	NUMBER EXTRA		RATE			
Total claims	21	- 20 =	1	x	- \$50.00	\$	\$50.00	
Independent clain	ns 1	- 3 =	0	х	\$200.00	\$	\$0.00	
MULTIPLE DEPENDENT CLAIMS (if applicable)						\$	\$0.00	
		T	OTAL OF ABOVE CA	ALC	ULATIONS =	\$	\$950.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						\$	\$0.00	
					SUBTOTAL =	\$	\$950.00	<u> </u>
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$	\$ \$0.00	
			TOTAL	AT	ONAL FEE =	\$	\$950.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						\$ \$0.00		
TOTAL FEES ENCLOSED =						\$	\$950.00	
						Amount to	be	\$
	·		* .			Amount to	be	\$

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а. 🔲	A check in the amount of \$	to cover the	above fees is enclose							
b _: 🗵	Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	04-2223	in the amount of \$	\$950.00	to cover the above fees.					
c. 🛚	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-2223 A duplicate copy of this sheet is enclosed.									
d 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
must b	Where an appropriate time limit under 37 e filed and granted to restore the Internati ALL CORRESPONDENCE TO:	H. Tushin								